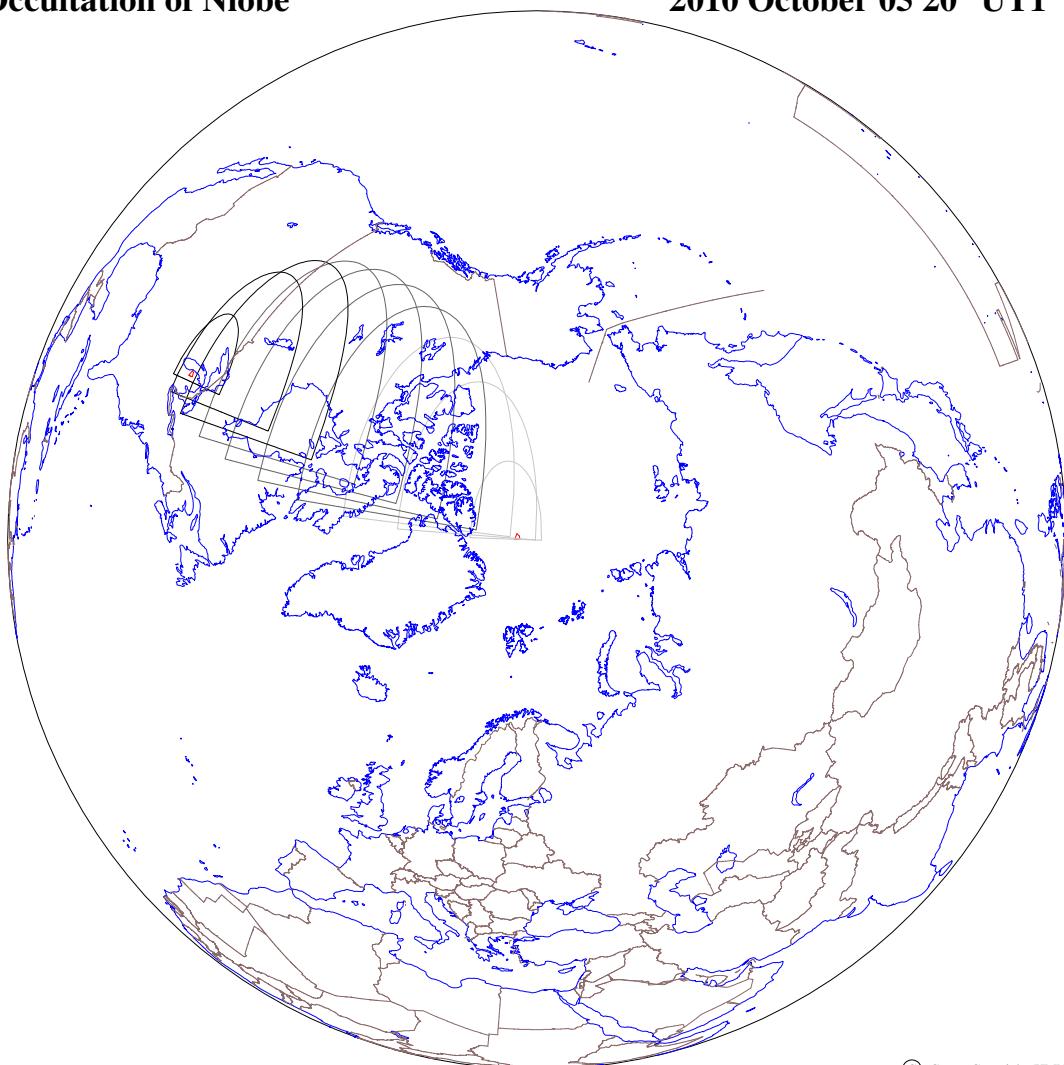


## Occultation of Niobe

2010 October 05 20<sup>h</sup> UT1



© Crown Copyright (HMNAO)

Conjunction      2010 October 05  
Time              20<sup>h</sup> 02<sup>m</sup> 58<sup>s</sup> TT  
Right ascension    10<sup>h</sup> 57<sup>m</sup> 33<sup>s</sup>  
Declination       + 0° 18' 31"  
Delta T = TT - UT1 = 66<sup>0</sup>

Centre of the globe: longitude      029°5 E  
latitude                                  89°7 N  
First shadow 2010 Oct. 05 at      20<sup>h</sup> 07<sup>m</sup>0 UT1  
Last shadow 2010 Oct. 05 at       21<sup>h</sup> 43<sup>m</sup>0 UT1  
Footprints (light to dark) every    00<sup>h</sup> 10<sup>m</sup>0